

For Research Use Only

SFRS15 Polyclonal antibody

Catalog Number: 33589-1-AP



Basic Information

Catalog Number: 33589-1-AP	GenBank Accession Number: BC064990	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 380 ug/ml by Nanodrop;	GeneID (NCBI): 57466	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: O95104	
Isotype: IgG	Full Name: splicing factor, arginine/serine-rich 15	
Immunogen Catalog Number: AG37951	Observed MW: 150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293T cells, Jurkat cells
Species Specificity: human	

Background Information

SCAF4 is an mRNA anti-terminator protein that plays a crucial role in regulating transcription by RNA Polymerase II. It functions by binding to the phosphorylated CTD of Pol II and interacting with splicing factors to suppress premature transcription termination, particularly at genes with complex structures. This activity ensures proper transcriptional readthrough and full-length mRNA production, thereby influencing gene expression critical for cellular homeostasis. Dysregulation of SCAF4-mediated anti-termination is implicated in disrupted mRNA processing and potential disease states.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

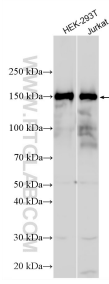
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33589-1-AP (SFRS15 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.